

Subject: Minutes: DSS-13 Weekly Meeting 04-06-09

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Minutes: DSS-13 Weekly Meeting on 04-06-09

DSS-13 Science/Engineering Activities:

AMT Problem: The work on a spare unit has been completed. The unit will be shipped to DSS-13 this week; many thanks to the great support from C. Vargas and the Front End Controller Group of Section 333.

Uplink Array: On DOY94, 0600-1045, there was an uplink array moon bounce experiment transmitted from DSS-24, -25, -26 and received at DSS-13. The initial result indicates a successful result.

GAVRT: There were GAVRT training on DOY91 and GAVRT stability testing of S- and X-bands at position 2 on DOY92. Result of the test on DOY92 shows potential problem of X-band LNA gain stability.

GSSR: There was a LRO calibration test on DOY95, 2050-0140 and the test was successful.

DSS-13/IF to ACME: Modkit has been installed at ACME rack at SPC-10. The rest of the hardware will be installed in the controlled room of DSS-13 this week. F. Baher, D. Rochblatt and W. Veruttipong will have a meeting on 6/8/09 to discuss about the interfaces among the new F.O. hardware, ACME and the new antenna controller.

DSS-13 Power and UPS protection: Larry Teitelbaum suggested that we need to do the good inventory of power requirements in the DSS-13 control room and in the pedestal. We also need to have a better understanding of the power distribution infrastructure and implement solution to prevent disruption of power for critical and valuable equipments.

Watt had a discussion with Darin Morgan and Louise Mitchell and obtained all single line diagrams of the power system at the Venus site. As for the record, these drawing diagrams are 9623184-90, 9493347-9, 9493351 and 9600622.

There will be meetings among DSS-13 staff and related engineers/end-users to work on this effort.

Maser Refurbishing Work: The work is the 2nd on the list now. It is not certain when will Larry Schrader be able to start working on it.

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